

## REMARKS

### Claims 1-20

Claims 1-20 have been rejected under 35 USC 102(e) as being anticipated by Freitag et al. (US6785102) [hereinafter "Freitag '102"].

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference."

*Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). Moreover, the identical invention must be shown in as complete detail as contained in the claim. *Richardson v. Suzuki Motor Co.* 868 F.2d 1226, 1236, 9USPQ2d 1913, 1920 (Fed. Cir. 1989). The elements must be arranged as required by the claim. *In re Bond*, 910 F.2d 831, 15 USPQ2d 1566 (Fed. Cir. 1990).

Claims 1 and 10 have been amended to require that a first barrier layer formed of a dielectric barrier material and positioned between the first AP pinned layer structure and the free layer; and a second barrier layer formed of a dielectric barrier material and positioned between the second AP pinned layer structure and the free layer. Support for this amendment is found on p. 19, line 15 of the present application. These features are not found in Freitag '102. Because the claimed features are not disclosed by Freitag '102, the 35 USC 102(e) rejection over Freitag '102 is deemed overcome.

Should the Examiner wish to discuss this matter further, the Examiner is invited to call the undersigned at (408) 971-2573. For payment of any fees due in connection with the filing of this paper, the Commissioner is authorized to charge such fees to Deposit Account No. 50-2587 (Order No. HSI920030278US1).

Respectfully submitted,

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